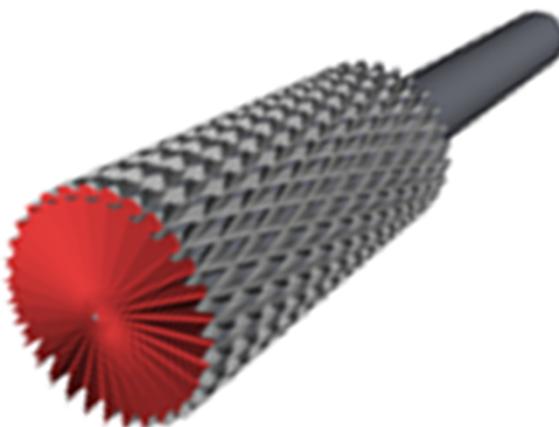


Burr Ø2.3 Z20

A11-011

This burr Ø2.3mm is ground from a solid carbide blank. The requested geometry of all 20 teeth including face teeth, is achieved with a 1V1 wheel.



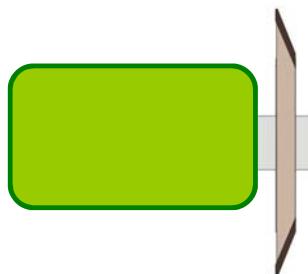
1. Cycletime for Production

Workpiece:			
Diameter 2.3 mm, Z 20, L14 mm, Helix angle 20°			
Material CARBIDE			
Operations	Probe	Flute 1	Flute 2
Feed [mm/Min]	2000	200	200
Power [kW]		1	1
Cutting speed [m/s]		32	32
Used wheels		1	1
Grinding time [s]	6	165	165
Total cycle time	5 Min 35		

The cycle times are indicative. Material to be ground, grinding wheels, coolants can influence the cycle times considerably.

2. Used Grinding Wheels

1 1V1 Ø60 D64



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3. Machine and Software Requirements

Machines: 5 axes CNC grinder : Aries ENP
Control: Fanuc 31i

Accessories:

Responsible engineer: SIW, 05.13

www.schneeberger.ch

J. SCHNEEBERGER Maschinen AG 4914 Roggwil Switzerland
Subsidiaries in: France, Deutschland, Italia, United States, China

Coolant: Synthetic Oil, pressure 6 bar
Software: Quinto 5

TECHNOLOGY
FOR TOOLING